The lower Gila River near Dome, Arizona.

The Colorado - Lower Gila Watershed

This watershed is defined by the Colorado River drainage area within Arizona from Hoover Dam (at Lake Mead) to the Mexico border near Yuma, excluding the Bill Williams River and the Gila River above Painted Rocks Dam.

Land ownership is divided approximately as: 1% private land, 6% state land, 89% federal land, and 4% Tribal lands. Except for communities along the Colorado River (Yuma, Bullhead City, Lake Havasu City), most of this 14,459 square mile watershed is sparsely populated with only 187,700 people (2000 census). Due in part to the sparse population, six wildlife refuges and three wilderness areas have been established in this watershed, along with several military bases with live-fire exercise areas. All of these have restricted land uses. Tribal and private land along the lower Colorado River and lower Gila River is intensively cultivated. Open grazing occurs across the watershed.

Elevations range from 5,450 feet (above sea level) in the mountains near Lake Mohave to 80 feet along the Colorado River as it enters Mexico; therefore, the area contains low desert fauna and flora, including warmwater aquatic communities where perennial waters exist. Perennial water is limited to the Colorado River mainstem, with irrigation return flow providing perennial flow in the Gila River near Yuma.

The assessment – Assessments were completed for only six stream reaches and five lakes in this watershed. Of the 143 stream miles assessed, zero miles were attaining all uses and 69 miles (two reaches) were impaired. Of the 29,557 lake acres assessed, none were assessed as attaining all uses and 185 acres (one lake) were assessed as impaired. All others were inconclusive or attaining some uses.

A watershed assessment map follows on the next page, illustrating stream and lake assessments by category. The Colorado-Lower Gila **monitoring table** (**Table 9**) following the map summarizes the water quality data used in the assessment. It is followed by the **assessment table** (**Table 10**), which bridges current assessments with past assessments and impaired water identification. Important to note in this table are comments regarding previous 303(d) lists (what has been added and removed), category designations (1 through 5), references to potential actions by EPA, and status of TMDLs.

More detailed information on how to use these tables can be found at the beginning of this chapter (p. IV-1). Information about assessment methods and criteria can be found in Chapter III.

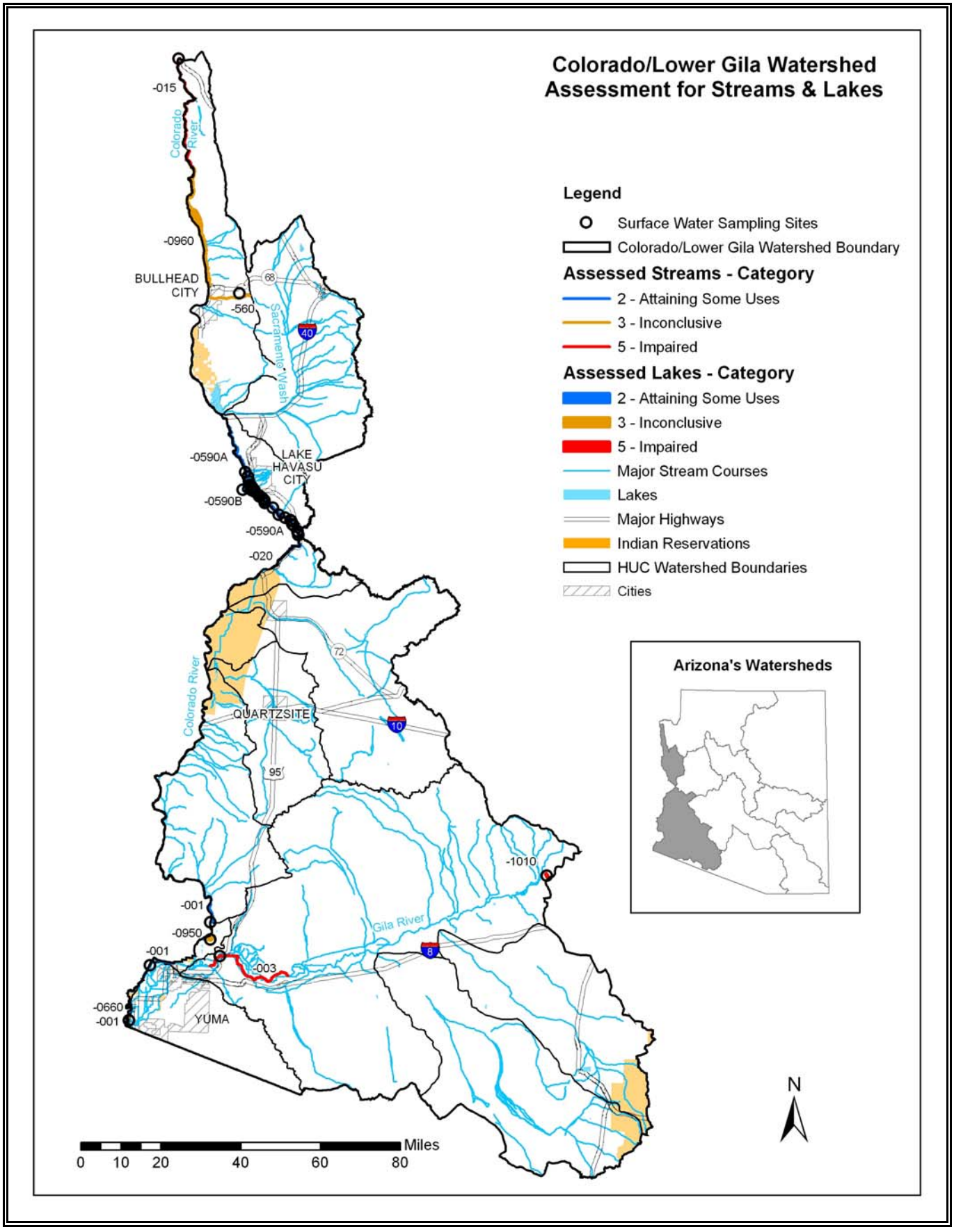

Figure 17. Watershed monitoring and assessments

TABLE 9. COLORADO - LOWER GILA WATERSHED -- 2004 ASSESSMENT MONITORING DATA

STREAM NAME SEGMENT WATERBODY ID DESIGNATED USES	AGENCY AND PROGRAM SITE DESCRIPTION SITE CODE ADEQ DATABASE ID	YEAR SAMPLED NUMBER AND TYPE OF SAMPLES	EXCEEDANCE OF STANDARDS BY SITE					
			PARAMETER UNITS	STANDARD DESIGNATED USE	RANGE OF RESULTS	FREQUENCY EXCEEDED	DESIGNATED USE SUPPORT	COMMENTS
STREAM MONITORING DATA								
Colorado River Hoover Dam - Lake Mohave AZ15030101-015 A&Wc, FC, FBC, DWS, AgI, AgL	USGS Station 09421500 Below Hoover Dam CMCLR243.26	1998 - 5 partial suites 1999 - 6 partial suites 2000 - 6 partial suites 2001 - 5 partial suites 2002 - 3 partial suites	Dissolved oxygen mg/L	>7.0 (90% saturation) (A&Wc)	6.6 - 9.0 (66 - 91%)	2 of 26		
			Selenium (dissolved) µg/L	2.0 (A&Wc chronic - total)	<2.0 - 3.0	4 of 26		Dissolved selenium data compared to total selenium standards.
	Summary Row **A&Wc Impaired** **FC Inconclusive** **FBC Inconclusive** **DWS Inconclusive** **AgI Inconclusive** **AgL Inconclusive**	**1998-2002** **25 sampling events**	**Dissolved oxygen mg/L**	**>7.0 (90% saturation) (A&Wc)**	**6.6 - 9.0 (66 - 91%)**	**2 of 25**	**Attaining**	**USGS collected 25 samples in 1998-2002. Assessed as "impaired" due to selenium exceedances.** **Also placed on the Planning List due to missing core parameters: *Escherichia coli*, total arsenic, total boron, total fluoride, and total metals (chromium, copper, lead, manganese, and mercury).**
			Selenium (dissolved) µg/L	**2.0 (A&Wc chronic - total)**	**<2.0 - 3.0**	**4 of 26 samples 4 of 26 events**	**Impaired**	
Colorado River Bill Williams R. - Osborne Wash AZ15030104-020 A&Ww, FC, FBC, DWS, AgI, AgL	USGS Fixed Station Station #09427520 Below Parker Dam CMCLR127.02	1998 - 6 full suites 1999 - 5 full suites 2000 - 5 full suites 2001 - 4 full suites 2002 - 4 full suites	Selenium (total) µg/L	2.0 (A&Wc chronic)	1.0 - 4.8	1 of 20		Lab reporting limits for 4 other selenium samples were too high to use results for assessment.
	Summary Row **A&Ww Inconclusive** **FC Attaining** **FBC Attaining** **DWS Attaining** **AgI Attaining** **AgL Attaining**	**1998 - 2002** **24 sampling events**	**Selenium (total) µg/L**	**2.0 (A&Wc chronic)**	**1.0 - 4.8**	**1 of 20 events**	**Inconclusive**	**USGS collected 24 samples in 1998-2002. Assessed as "attaining some uses" and placed on the Planning List due to selenium exceedance.**
Colorado River Indian Wash - Imperial Dam AZ15030104-001 A&Ww, FC, FBC, DWS, AgI, AgL	USGS Fixed Station Station #09429490 Above Imperial Dam CMCLR029.79 100752	1998 - 5 partial suites 1999 - 5 partial suites 2000 - 6 partial suites 2001 - 2 partial suites 2002 - 4 full suites	Suspended sediment concentration mg/L	80 (geo mean) (A&Ww)	8 - 559	Geo means: 1998 = 96 1999 = 27 2000 = 20		Maximum base flow was calculated to be 19,100 cfs based on 30 years of flow data. Insufficient data to calculate a geomean for SSC in 2001 and 2002.
	Summary Row **A&Ww Inconclusive** **FC Attaining** **FBC Attaining** **DWS Attaining** **AgI Attaining** **AgL Attaining**	**1998 - 2002** **22 sampling events**	**Suspended sediment concentration mg/L**	**80 (geo mean) (A&Ww)**	**8 - 559**	**1 of 3 annual geo. means**	**Inconclusive**	**US Geological Survey collected 22 samples in 1998-2002. Assessed as "attaining some uses" due to SSC exceedance.**

TABLE 9. COLORADO - LOWER GILA WATERSHED -- 2004 ASSESSMENT MONITORING DATA

STREAM NAME SEGMENT WATERBODY ID DESIGNATED USES	AGENCY AND PROGRAM SITE DESCRIPTION SITE CODE ADEQ DATABASE ID	YEAR SAMPLED NUMBER AND TYPE OF SAMPLES	EXCEEDANCE OF STANDARDS BY SITE					
			PARAMETER UNITS	STANDARD DESIGNATED USE	RANGE OF RESULTS	FREQUENCY EXCEEDED	DESIGNATED USE SUPPORT	COMMENTS
Colorado River Main Canal - Mexico border AZ15030107-001 A&Ww, FC, FBC, DWS, AgI, AgL	USGS Fixed Station Station #09522000 At Mexico boundary Upstream of Morelos Dam CMCLR015.85 100744	1998 - 5 full suites 1999 - 3 full + 2 partial suites 2000 - 5 full + 2 partial suites 2001 - 4 full + 2 partial suites 2002 - 4 full + 2 partial suites	DDE µg/L	0.001 (FC, AgI, AgL)	<0.006 - 0.476	1 of 23		
				0.02 (A&Ww chronic)		1 of 23		
				0.1 (DWS)		1 of 23		
			Dieldrin µg/L	0.002 (A&Ww chronic & DWS)	<0.001 - 0.630	1 of 23		
				0.0001 (FC)		1 of 23		
				0.09 (FBC)		1 of 23		
			Dissolved oxygen mg/L	>6.0 (90% saturation) (A&Ww)	5.0 - 11.0 (63 - 105%)	4 of 29		
			Hexachlorocyclo-hexane alpha (BHC) µg/L	0.006 (DWS)	<0.002 - 0.617	1 of 23		
				0.01 (FC)		1 of 23		
				0.22 (FBC)		1 of 23		
			Selenium (total) µg/L	2.0 (A&Ww chronic)	1.0 - 3.0	1 of 21		
			Suspended sediment concentration mg/L	80 (geo mean) (A&Ww)	5.0 - 398	Geo means: 1998 = 128 1999 = 53 2000 = 18 2001 = 14 2002 = 12		Maximum base flow was calculated to be 6460 cfs based on 30 years of flow data.
	Summary Row **A&Ww Inconclusive** **FC Attaining** **FBC Attaining** **DWS Attaining** **AgI Attaining** **AgL Attaining**	**1998 - 2002** **29 sampling events**	**DDE µg/L**	**0.001 (FC, AgI, AgL)**	**<0.006 - 0.476**	**1 of 23**	**Attaining**	**USGS collected 29 samples in 1998-2002. Assessed as "attaining some uses" and placed on the Planning List due to DDE, dieldrin, SSC, and selenium exceedances.**
				0.02 (A&Ww chronic)	**<0.006 - 0.476**	**1 of 23 events**	**Inconclusive**	
				0.1 (DWS)	**<0.006 - 0.476**	**1 of 23**	**Attaining**	
			Dieldrin µg/L	**0.002 (A&Ww chronic)**	**<0.001 - 0.630**	**1 of 23 events**	**Inconclusive**	
				0.002 (DWS)	**<0.001 - 0.630**	**1 of 23 events**	**Attaining**	

TABLE 9. COLORADO - LOWER GILA WATERSHED -- 2004 ASSESSMENT MONITORING DATA

STREAM NAME SEGMENT WATERBODY ID DESIGNATED USES	AGENCY AND PROGRAM SITE DESCRIPTION SITE CODE ADEQ DATABASE ID	YEAR SAMPLED NUMBER AND TYPE OF SAMPLES	EXCEEDANCE OF STANDARDS BY SITE					
			PARAMETER UNITS	STANDARD DESIGNATED USE	RANGE OF RESULTS	FREQUENCY EXCEEDED	DESIGNATED USE SUPPORT	COMMENTS
				0.0001 (FC)	**<0.001 - 0.630**	**1 of 23**	**Attaining**	
				0.09 (FBC)	**<0.001 - 0.630**	**1 of 23**	**Attaining**	
			Dissolved oxygen mg/L	**>6.0 (90% saturation) (A&Ww)**	**5.0 - 11.0 (63 - 105%)**	**4 of 29**	**Attaining**	
			BHC µg/L	**0.006 (DWS)**	**<0.002 - 0.617**	**1 of 23**	**Attaining**	
				0.01 (FC)	**<0.002 - 0.617**	**1 of 23**	**Attaining**	
				0.22 (FBC)	**<0.002 - 0.617**	**1 of 23**	**Attaining**	
			Selenium (total) µg/L	**2.0 (A&Ww chronic)**	**1.0 - 3.0**	**1 of 21 events**	**Inconclusive**	
			Suspended sediment concentration mg/L	**80 (geo mean) (A&Ww)**	**5.0 - 398**	**1 of 5 annual geo. means**	**Inconclusive**	
Colorado River, unnamed tributary near Thumb Butte headwaters - Colorado River AZ15030101-560 A&We, PBC	USGS Near Thumb Butte CMUW1009.90 101598	2001 - 1 partial suite	No exceedances					
	Summary Row **A&We Inconclusive** **PBC Inconclusive**	**2001** **1 sampling event**	**No exceedances**					**Insufficient monitoring data to assess.**
Gila River Coyote Wash - Fortuna Wash AZ15070201-003 A&Ww, FC, FBC, AgI, AgL	ADEQ and USGS Fixed Station Near Dome, USGS #09520500 LGGLR005.76 100455	1998 - 4 full suites 1999 - 5 full suites 2000 - 4 full suites 2001 - 4 full suites 2002 - 3 full suites	Boron (total) µg/L	1000 (AgI)	100 - 1500	5 of 20		
			Dissolved oxygen mg/L	6.0 (90% saturation) (AW&w)	3.2 - 11.8 (40 - 114%)	3 of 18		Two of the dissolved oxygen exceedances occurred during low flow conditions.
			Selenium (total) µg/L	2.0 (A&Ww chronic)	<5 - 9.2	5 of 20		
	Summary Row **A&Ww Impaired** **FC Attaining** **FBC Attaining** **AgI Impaired** **AgL Attaining**	**1998-2002** **20 sampling events**	**Boron (total) µg/L**	**1000 (AgI)**	**100 - 1500**	**5 of 20**	**Impaired**	**ADEQ collected 20 samples in 1998-2002. Assessed as "impaired" due to boron and selenium exceedances.**
			Dissolved oxygen mg/L	**6.0 (90% saturation) (A&Ww)**	**3.2 - 11.8 (40 - 114%)**	**3 of 18**	**Attaining**	
			Selenium (total) µg/L	**2.0 (A&Ww chronic)**	**<5 - 9.2**	**5 of 20 events**	**Impaired**	

TABLE 9. COLORADO - LOWER GILA WATERSHED -- 2004 ASSESSMENT MONITORING DATA

STREAM NAME SEGMENT WATERBODY ID DESIGNATED USES	AGENCY AND PROGRAM SITE DESCRIPTION SITE CODE ADEQ DATABASE ID	YEAR SAMPLED NUMBER AND TYPE OF SAMPLES	EXCEEDANCE OF STANDARDS BY SITE					
			PARAMETER UNITS	STANDARD DESIGNATED USE	RANGE OF RESULTS	FREQUENCY EXCEEDED	DESIGNATED USE SUPPORT	COMMENTS
LAKES MONITORING DATA								
Hunter's Hole (Colorado River backwater) AZL15030108-0660 A&Ww, FC, FBC, AgL	AGFD Ambient Monitoring CMHUN	2000 - 1 partial suite	Selenium (total) µg/L	20 (A&Ww acute)	<5 - 22	1 of 1		Lab reporting limits for 4 other selenium samples were too high to use results for assessment.
				2.0 (A&Ww chronic)	<5 - 22	1 of 1		
	Summary Row **A&Ww Inconclusive** **FC Inconclusive** **FBC Inconclusive** **AgL Inconclusive**	**2000** **1 sampling event**	**Selenium (total) µg/L**	**20 (A&Ww acute)**	**<5 - 22**	**1 of 1 event (in 2000)**	**Inconclusive**	**Insufficient monitoring data to assess.** **Placed on the Planning List due to selenium exceedance.**
				2 (A&Ww chronic)	**<5 - 22**	**1 of 1 event**	**Inconclusive**	
Lake Havasu AZL15030101-0590 A&Ww, FC, FBC, DWS, AgI, AgL	ADEQ Lakes Program Dam Site, Parker Dam CMHAV-A 100098	1998 - 1 partial suite 2000 - 1 partial suite 2001 - 3 full suites 2002 - 1 partial suite	Selenium (total) µg/L	2.0 (A&Ww chronic)	<0.002 - 4	1 of 7		
	ADEQ Lakes Program CMHAV-B 100102	1998 - 1 full suite 2000 - 2 full suites 2001 - 4 full suites 2002 - 1 full suite	Mercury (dissolved) µg/L	0.01 (A&Ww chronic)	<0.5 - 0.8	1 of 1		
			Mercury (total) µg/L	0.6 (FC)	<0.5 - 0.8	1 of 8		
			Selenium (total) µg/L	2.0 (A&Ww chronic)	<2 - 3	1 of 5		
	ADEQ Lakes Program CMHAV-C 100099	1998 - 1 full suite 2001 - 4 full suites 2002 - 1 full suite	Mercury (dissolved) µg/L	0.01 (A&Ww chronic)	<0.5 - 0.7	1 of 1		Laboratory reporting limit for 3 other selenium samples was too high to use results for assessment. Dissolved selenium data compared to total selenium standard.
			Mercury (total) µg/L	0.6 (FC)	<0.5 - 0.7	1 of 6		
			Selenium (dissolved) µg/L	2.0 (A&Ww chronic - total)	<2 - 3	1 of 4		
	ADEQ Lakes Program Colorado River CMHAV-CRA 100101	1998 - 1 full suite 2000 - 2 full suites 2001 - 2 full suites 2002 - 1 full suite	No exceedances					
	ADEQ Lakes Program Marina CMHAV-MARA 100167	2000 - 1 full suite 2001 - 1 full suite	No exceedances					

TABLE 9. COLORADO - LOWER GILA WATERSHED -- 2004 ASSESSMENT MONITORING DATA

STREAM NAME SEGMENT WATERBODY ID DESIGNATED USES	AGENCY AND PROGRAM SITE DESCRIPTION SITE CODE ADEQ DATABASE ID	YEAR SAMPLED NUMBER AND TYPE OF SAMPLES	EXCEEDANCE OF STANDARDS BY SITE					
			PARAMETER UNITS	STANDARD DESIGNATED USE	RANGE OF RESULTS	FREQUENCY EXCEEDED	DESIGNATED USE SUPPORT	COMMENTS
	Mohave County Health Dept 13 sites: Body Beach Cattail Cove Crazy Horse Beach London Bridge, East Beach London Bridge, West Beach Nautical Inn Beach Rotary Beach, North Rotary Beach, South Sandpoint Marina South Channel Up River Windsor #4 Windsor Cove	2000 - 27 *E. coli* 2001 - 18 *E. coli* 2002 - 15 *E. coli*	Escherichia coli CFU	235 (FBC)	<1 - 2419	1 of 60 sampling events (occurred at Nautical Inn Beach in 2000)		Nautical Inn Beach is located in Thompson Bay.
	Mohave County Health Dept 13 sites: Bass Bay Bighorn Point Friendly Island Frog Point Partners Point Pilot Rock Rocky landing Satellite Cove Solitude Cove Standard Wash Cove Steamboat Cove Three Dunes Cove Wren Cove	2000 - 6 *E. coli* 2001 - 2 *E. coli* 2002 - 4 *E. coli*	Escherichia coli CFU	235 (FBC)	<1 - 501	2 of 12 sampling events 1 at Bass Bay (368 CFU) in 2000 1 at Standard Wash Cove (501 CFU) in 2002		Bass Bay is approximately 10 miles south of Thompson Bay. Standard Wash Cove is approximately 6 miles south of Thompson Bay.
	Mohave County Health Dept North Channel	2001 - 18 *E. coli* 2002 - 15 *E. coli*						
	Summary Row **A&Ww Inconclusive** **FC Attaining** **FBC Inconclusive** **DWS Attaining** **AgI Attaining** **AgL Attaining**	**1998 - 2002** **1077 samples**	***Escherichia coli* CFU/100ml**	**235 FBC**	**<1 - 2419**	**3 sites with 1 exceedance: 1 of 60 events 1 of 12 events 1 of 12 events**	**Inconclusive**	**ADEQ collected 108 samples at 33 sites in 1998-2002. Field and *Escherichia coli* samples only were collected at 28 of the 33 sites. These 28 sites are not shown in this table. No exceedances were found.** **Mohave County also collected 969 *Escherichia coli* samples at 27 sites.** **Assessed as "attaining some uses" and placed on the Planning List due to mercury, selenium, and *Escherichia coli* exceedances.** ***Escherichia coli* exceedances were not combined because single exceedances occurred at widely separated beaches (at least 5 miles apart).**
			Mercury (dissolved) µg/L	**0.01 (A&Ww chronic)**	**<0.5 - 0.8**	**2 of 12 samples 1 of 4 events**	**Inconclusive**	
			Mercury (total) µg/L	**0.6 (FC)**	**<0.5 - 0.8**	**2 of 27**	**Attaining**	
			Selenium (total) µg/L	**2 (A&Ww chronic)**	**<2 - 3**	**3 of 24 samples 1 of 7 events**	**Inconclusive**	

TABLE 9. COLORADO - LOWER GILA WATERSHED -- 2004 ASSESSMENT MONITORING DATA

STREAM NAME SEGMENT WATERBODY ID DESIGNATED USES	AGENCY AND PROGRAM SITE DESCRIPTION SITE CODE ADEQ DATABASE ID	YEAR SAMPLED NUMBER AND TYPE OF SAMPLES	EXCEEDANCE OF STANDARDS BY SITE					
			PARAMETER UNITS	STANDARD DESIGNATED USE	RANGE OF RESULTS	FREQUENCY EXCEEDED	DESIGNATED USE SUPPORT	COMMENTS
Mittry Lake AZ15030107-0950 A&w, FC, FBC	ADEQ Lakes Program CMMIT-A 101352	2002 - 1 partial suite	No exceedances					
	Summary Row **A&Ww Inconclusive** **FC Inconclusive** **FBC Inconclusive**	**2002** **1 sampling event**	**No exceedances**					**Insufficient monitoring data to assess.**
Painted Rock Borrow Pit Lake AZL15070201-1010 A&Ww, FC, FBC, AgI, AgL	USFWS Routine Monitoring LGPRL	1999 - 5 partial suites 2000 - 1 full + 2 partial suites 2001 - 1 full suite 2002 - 0 (Dry)	Ammonia mg/L	varies with pH and temperature (A&Ww chronic)	0.4 - 0.68	1 of 7		
			Dissolved oxygen mg/L	>6.0 (90% saturation) (A&Ww)	1.8 - 13.8	5 of 8		
			pH (high) SU	6.5-9.0 (A&Ww, FBC, AgI, AgL)	7.1 - 9.8	1 of 8		
	Summary Row **A&Ww Impaired** **FC Impaired*** **FBC Inconclusive** **AgI Inconclusive** **AgL Inconclusive**	**1999 - 2002** **9 sampling events**	**Ammonia mg/L**	**varies with pH and temperature (A&Ww chronic)**	**0.4 - 0.68**	**1 of 7 samples 1 of 7 events**	**Inconclusive**	**USFWS collected 9 samples in 1999-2002. Assessed as "impaired" due to pesticides in fish tissue and low dissolved oxygen.** ***EPA placed this lake on the 2002 303(d) List because DDT metabolites, toxaphene, and chlordane in fish tissue lead to a fish consumption advisory. Once listed, the lake cannot be delisted until a TMDL is complete or sufficient data are collected to indicate these parameters are no longer a concern in fish tissue (fish consumption advisory is removed).** **On the 303(d) List since 1992 for low dissolved oxygen. Although current dissolved oxygen data are inconclusive, the lake cannot be delisted until a TMDL is complete or dissolved oxygen data indicate designated uses are being attained.** **Placed on the Planning List due to exceedances of ammonia and pH standards and missing core parameters: total boron, *Escherichia coli*, dissolved metals (cadmium, copper, and zinc), and total metals (mercury, manganese, copper, and lead).** **Note that the lake was dry in 2002.**
			Dissolved oxygen mg/L	**6.0 (90% saturation) (A&Ww)**	**1.8 - 13.8**	**5 of 8**	**Inconclusive (Impaired)**	
			pH (high) SU	**6.5-9.0 (A&Ww, FBC, AgI, AgL)**	**7.1 - 9.8**	**1 of 8**	**Inconclusive**	

Table 10. COLORADO-LOWER GILA WATERSHED — ASSESSMENT, PLANNING LIST, AND 303(d) STATUS TABLE

SURFACE WATER DESCRIPTION	2004 ASSESSMENT 5-CATEGORIES LAKE TROPHIC STATUS	2004 PLANNING LIST	STATUS OF 2002 303(d) LIST RECOMMENDATIONS FOR 2004 LIST	OTHER INFORMATION
COLORADO-LOWER GILA WATERSHED – STREAM ASSESSMENTS				
Colorado River Hoover Dam - Lake Mohave 40 miles AZ15030101-015	A&Wc Impaired FC Inconclusive FBC Inconclusive DWS Inconclusive AgI Inconclusive AgL Inconclusive Category 5 – Impaired	On the Planning List due to missing core parameters: *Escherichia coli*, total arsenic, total boron, total fluoride, and total metals (chromium, copper, lead, manganese, and mercury).	Add selenium to the 303(d) List due to chronic selenium exceedances (4 of 26 sampling events).	
Colorado River Bill Williams River - Osborne Wash 13 miles AZ15030104-020	A&Ww Inconclusive FC Attaining FBC Attaining DWS Attaining AgI Attaining AgL Attaining Category 2 – Attaining Some Uses	On the Planning List due to chronic selenium exceedance (1 of 20 sampling events).		
Colorado River Indian Wash - Imperial Dam 18 miles AZ15030104-001	A&Ww Inconclusive FC Attaining FBC Attaining DWS Attaining AgI Attaining AgL Attaining Category 2 -- Attaining Some Uses	On the Planning List due to suspended sediment concentration (SSC) geometric mean exceedance (1 of 3 annual geo. means).		
Colorado River Main Canal - Mexico border 32 miles AZ15030107-001	A&Ww Inconclusive FC Attaining FBC Attaining DWS Attaining AgI Attaining AgL Attaining Category 2 -- Attaining Some Uses	On the Planning List due to: 1. Chronic DDE exceedance (1 of 23 sampling events). 2. Chronic dieldrin exceedance (1 of 23 sampling events). 3. Chronic selenium exceedance (1 of 21 sampling events). 4. Suspended sediment concentration (SSC) geometric mean exceedance (1 of 5 annual geo. means).		
Colorado River, unnamed tributary near Thumb Butte headwaters - Colorado River 11 miles AZ15030101-560	A&We Inconclusive PBC Inconclusive Category 3 -- Inconclusive	On the Planning List due to insufficient monitoring data to assess (only 1 sample).		
Gila River Coyote Wash - Fortuna Wash 28 miles AZ15070201-003	A&Ww Impaired FC Attaining FBC Attaining AgI Impaired AgL Attaining Category 5 – Impaired		Add boron to the 303(d) List due to boron exceedances in 5 of 20 samples. Add selenium to the 303(d) List due to chronic selenium exceedances in 5 of 20 sampling events.	

Table 10. COLORADO-LOWER GILA WATERSHED — ASSESSMENT, PLANNING LIST, AND 303(d) STATUS TABLE

SURFACE WATER DESCRIPTION	2004 ASSESSMENT 5-CATEGORIES LAKE TROPHIC STATUS	2004 PLANNING LIST	STATUS OF 2002 303(d) LIST RECOMMENDATIONS FOR 2004 LIST	OTHER INFORMATION
COLORADO-LOWER GILA WATERSHED – LAKE ASSESSMENTS				
Hunter's Hole 17 acres AZL15030108-0660	A&Ww Inconclusive FC Inconclusive FBC Inconclusive AgL Inconclusive Category 3 – Inconclusive Trophic status not calculated	On the Planning List due to: 1. Insufficient monitoring data to assess (only 1 sample). 2. Acute and chronic selenium exceedance (1 of 1 sampling event).		
Lake Havasu 16,122 acres AZL15030101-0590	A&Ww Inconclusive FC Attaining FBC Inconclusive DWS Attaining AgI Attaining AgL Attaining Category 2 -- Attaining Some Uses Trophic status -- Oligotrophic	On the Planning List due to: 1. Chronic mercury exceedance (1 of 4 sampling events). 2. Chronic selenium exceedance (1 of 7 sampling events). 3. *Escherichia coli* exceedances (1 exceedance at 3 sites). (Note that the *Escherichia coli* exceedances are being assessed separately because the monitoring sites with exceedances were approximately 5 miles apart on the lake. Only 1 exceedance in the last 3 years at any site.)		
Lake Mohave 12,850 acres AZL15030101-0960	A&Wc Inconclusive FC Inconclusive FBC Inconclusive DWS Inconclusive AgI Inconclusive AgL Inconclusive Category 3 -- Inconclusive Trophic status -- Oligotrophic	On the Planning List. Added in 2002 due to missing core parameters (no current monitoring data).		
Mittry Lake 384 acres AZL15030107-0950	A&Ww Inconclusive FC Inconclusive FBC Inconclusive Category 3 – Inconclusive Trophic status not calculated	On the Planning List due to insufficient monitoring data to assess (only 1 sample).		
Painted Rock Borrow Pit Lake 186 acres AZL15070201-1010	A&Ww Impaired FC Impaired FBC Inconclusive AgI Inconclusive AgL Inconclusive Category 5 – Impaired Trophic status not calculated	On the Planning List due to: 1. Chronic ammonia exceedance (1 of 7 sampling events). 2. pH exceedance (1 of 8 samples). 3. Missing core parameters: total boron, *Escherichia coli*, total metals (mercury, manganese, lead, and copper), and dissolved metals (copper, cadmium, and zinc).	EPA placed this reach on the 2002 303(d) List because DDT metabolites, toxaphene, and chlordane in fish tissue led to a fish consumption advisory. EPA's listing was based on violation of narrative water quality standards. Arizona's Impaired Water Identification Rule requires adoption of narrative implementation policy before the state may use narrative information in a listing decision, but once listed, the lake cannot be delisted until a TMDL is complete or sufficient data are collected to indicate that these pesticides are no longer a concern in fish tissue (e.g., fish consumption advisory removed). ADEQ is currently collecting fish tissue data in support of completing a TMDL. On the 303(d) List since 1992 for low dissolved oxygen. Although current dissolved oxygen data are inconclusive, the reach cannot be delisted until a TMDL is complete or dissolved oxygen data indicate that designated uses are being attained. Delist fecal coliform. Standard was repealed in 2002. Placed on the Planning List for *Escherichia coli* monitoring (replaced fecal coliform standard).	These pesticides do not stay in an aqueous state and bioaccumulate rapidly up the food chain. Additionally, most lab reporting limits are not low enough to assess standards; therefore, lack of exceedances in the water column does not provide sufficient information about pesticide problems in the stream.